INSTRUCTIONS FOR PREPARING A PAPER FOR THE PMC2000 CD-ROM

E.A. Johnson, Assoc. M. ASCE
University of Southern California, Los Angeles, CA 90089
JohnsonE@usc.edu

B.F. Spencer, Jr., M. ASCE, and A. Kareem, M. ASCE
University of Notre Dame, Notre Dame, IN 46556
spencer@nd.edu, kareem@nd.edu

Abstract

This document describes the format instructions for papers for the *8th ASCE Specialty Conference on Probabilistic Mechanics and Structural Reliability* (PMC2000). The papers will be published on a CD-ROM that will be distributed at the Conference. It is our goal to be relatively flexible in the format, yet maintain a reasonable degree of consistency between papers in the finished product. This document is formatted in the desired manner and is available on the Conference web site (www.nd.edu/~pmc2000) in PDF format, in Word 97/98 format for Mac/Windows, and in FrameMaker 5.5 format for Mac/Windows/Unix. Your final submission, however, should be in PDF format.

Introduction

The papers for the *8th ASCE Specialty Conference on Probabilistic Mechanics and Structural Reliability* (PMC2000) to be held at the University of Notre Dame, July 24-26, 2000, will be published on a CD-ROM that will be distributed at the Conference. This document describes, and is formatted in, the desired format for the PMC2000 papers. All papers, as well as a one-page final abstract, must be submitted electronically in PDF format by e-mailing the paper and final abstract to pmc2000@nd.edu by March 15, 2000.

Format Requirements

The "Author Kit" section of the PMC2000 web site (www.nd.edu/~pmc2000) has template files for the paper and final abstract for some popular word processing programs for Macintosh, Windows, and UNIX computers. If your preferred word processor and/or platform is not on the web site, please follow the general instructions as given below; if you create a template, please send us an e-mail and we can post the template on the web site for the benefit of other authors.
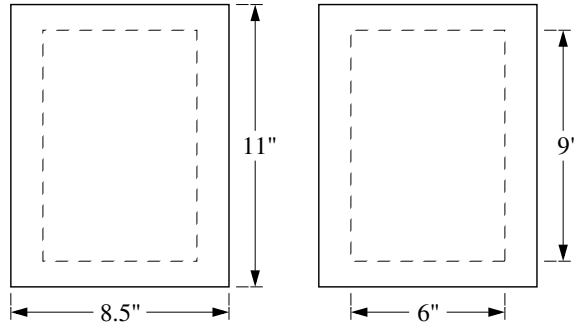
General Format Requirements

The general format requirements are as follows:

1. *Paper Length:* 4-6 pages (USLetter or A4 size paper)

2. *Margins:* 1 inch top and bottom; 1.25 inches on sides

3. *Header:* On the first page, please put the title of the conference in 10 pt italic Times (left justified) and the paper number (as given in your paper acceptance letter) in 10 pt Times Roman on the right.

4. *Footer:* left justify a list of author last names and right justify the page number (10 pt Times)

5. *Title:* 14 pt bold Helvetica (or similar san serif font), centered, small caps

6. *Authors/Affiliation/E-mails:* one blank line after the title, then a line with the author name(s) (with ASCE membership grade) in normal type, followed by an affiliation line in italics, and a third line with e-mail address(es) in italics; this authors/affiliation/e-mails may be repeated as necessary for multiple affiliations

7. *Abstract Header:* 10 pt bold Helvetica (or similar san serif font), with one blank line above and below

8. *Abstract:* A 100-200 word abstract in 10 pt Times, 12 pt spacing, justified on both margins

9. *Section Headings:* 12 pt bold Helvetica

10. *Section Subheadings:* 12 pt italic Times

11. *Body text:* 12 pt Times or Times New Roman, 14 pt spacing, justified on both margins, one blank line between paragraphs, no indentation for beginning of a paragraph

12. *Figures:* insert in text where appropriate, with 10 pt bold Helvetica caption centered below the figure beginning "Figure 1. " as shown in the example below.

13. *Tables:* as with Figures, but with caption beginning "Table 1. "

14. *Equations:* centered, with equation number at the right, one blank line above and below

15. *Units:* SI units are preferred

16. *References:* References should appear at the end of the paper as shown below. Citations in the text of the paper should use author last names and the year; for example, "... in previous work by the authors (Johnson *et al.*, 1997; Kirkner and Spencer, Jr., 1996)" or "... as shown in the work by (Kareem *et al.*, 1998; Haldar and Mahadevan, 2000)."

Additionally, authors are responsible for obtaining permission for reprinting any material included in their papers that is already copyrighted elsewhere.

$$E = mc^2 \tag{1}$$

An example of an equation is shown in (1) above. Figure 1 and Table 1 are figure and table examples.

Figure 1. Page and margin sizes.

n	x	y
1	4.5674	2.2649
2	3.3344	1.8309
3	5.1253	2.6500
4	5.2877	2.5505
5	3.8535	2.2897
6	6.1909	2.8013
7	6.1892	4.1862

Table 1: List of numbers.

Conclusions

If you have any questions concerning these format instructions, please contact the PMC2000 secretariat by e-mail to pmc2000@nd.edu.

Acknowledgements

References

Haldar, A., and Mahadevan, S. 2000. *Probability, Reliability and Statistical Methods in Engineering Design.* Wiley.

Johnson, E. A., Wojtkiewicz, S. F., Bergman, L. A., and Spencer, Jr., B. F. 1997. Observations with Regard to Massively Parallel Computation for Monte Carlo Simulation of Stochastic Dynamical Systems. *International Journal of Non-Linear Mechanics*, **32**(4), 721–734.

Kareem, A., Hsieh, C. C., and Tognarelli, M. A. 1998. Frequency-Domain Analysis of Offshore Platform in Non-Gaussian Seas. *ASCE Journal of Engineering Mechanics*, **124**(6), 668–683.

Kirkner, D. J., and Spencer, Jr., B. F. 1996 (August 7–9). Monotonic Loading of Brittle Materials: A Stochastic Damage Model. *Pages 354–357 of: 7th ASCE Specialty Conference on Probabilistic Mechanics and Structural Reliability.*